Manstein et al. 1974.006 1/9

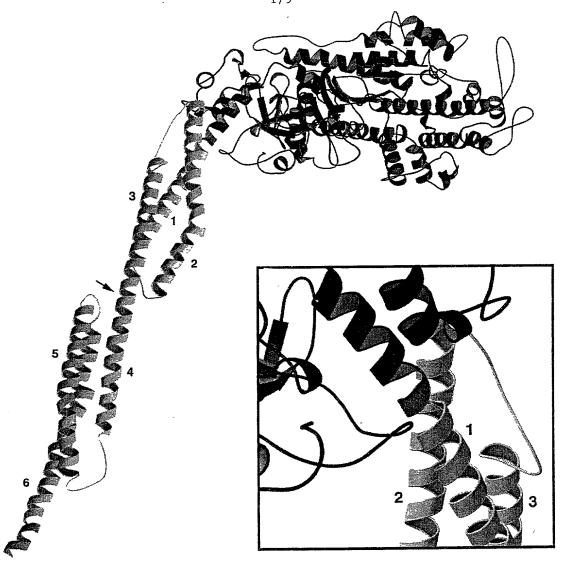


Figure 1A / Figure 1B

Manstein et al. 1974.006 2/9

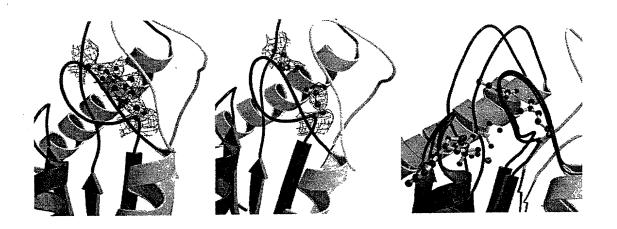


Figure 2A / Figure 2B / Figure 2C

Manstein et al. 1974.006 3/9

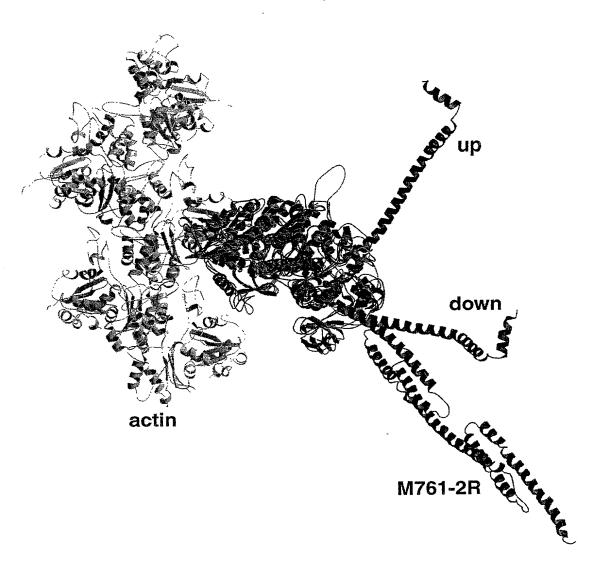


Figure 3

Manstein et al. 1974.006 4/9

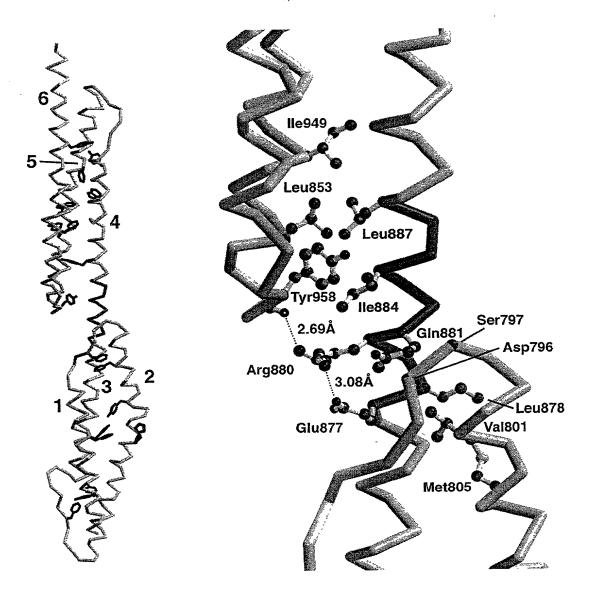


Figure 4A / Figure 4B

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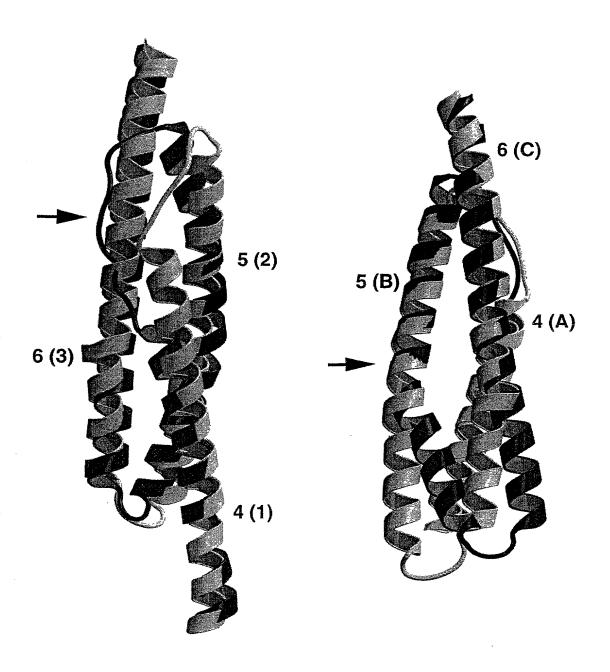


Figure 5A / Figure 5B

MDGTEDPIHDRTSDYHKYLKVKQGDSDLFKLTVSDKRYIWYNPDPKERDSYECGEIVSE
TSDSFTFKTVDGQDRQVKKDDANQRNPIKFDGVEDMSELSYLNEPAVFHNLRVRYNQDL
IYTYSGLFLVAVNPFKRIPIYTQEMVDIFKGRRRNEVAPHIFAISDVAYRSMLDDRQNQ
SLLITGESGAGKTENTKKVIQYLASVAGRNQANGSGVLEQQILQANPILEAFGNAKTTR
NNNSSRFGKFIEIQFNSAGFISGASIQSYLLEKSRVVFQSETERNYHIFYQLLAGATAE
EKKALHLAGPESFNYLNQSGCVDIKGVSDSEEFKITRQAMDIVGFSQEEQMSIFKIIAG
ILHLGNIKFEKGAGEGAVLKDKTALNAASTVFGVNPSVLEKALMEPRILAGRDLVAQHL
NVEKSSSSRDALVKALYGRLFLWLVKKINNVLCQERKAYFIGVLDISGFEIFKVNSFEQ
LCINYTNEKLQQFFNHHMFKLEQEEYLKEKINWTFIDFGLDSQATIDLIDGRQPPGILA
LLDEQSVFPNATDNTLITKLHSHFSKKNAKYEEPRFSKTEFGVTHYAGQVMYEIQDWLE
KNKDPLQQDLELCFKDSSDNVVTKLFNDPNIASRAKKGANFITVAAQYKEQLASLMATL
ETTNPHFVRCIIPNNKQLPAKLEDKVVLDQLRCNGVLEGIRITRKGFPNRIIYADFVKR
YYLLAPNVPRDAEDSQKATDAVLKHLNIDPEQYRFGITKIFFRAGQLARIEEAREQR

Figure 6

MDGTEDPIHDRTSDYHKYLKVKQGDSDLFKLTVSDKRYIWYNPDPKERDSYECGEIVSE TSDSFTFKTVDGQDRQVKKDDANQRNPIKFDGVEDMSELSYLNEPAVFHNLRVRYNQDL IYTYSGLFLVAVNPFKRIPIYTQEMVDIFKGRRRNEVAPHIFAISDVAYRSMLDDRQNQ SLLITGESGAGKTENTKKVIQYLASVAGRNQANGSGVLEQQILQANPILEAFGNAKTTR NNNSSRFGKFIEIQFNSAGFISGASIQSYLLEKSRVVFQSETERNYHIFYQLLAGATAE EKKALHLAGPESFNYLNQSGCVDIKGVSDSEEFKITRQAMDIVGFSQEEQMSIFKIIAG ILHLGNIKFEKGAGEGAVLKDKTALNAASTVFGVNPSVLEKALMEPRILAGRDLVAQHL NVEKSSSSRDALVKALYGRLFLWLVKKINNVLCQERKAYFIGVLDISGFEIFKVNSFEQ LCINYTNEKLQQFFNHHMFKLEQEEYLKEKINWTFIDFGLDSQATIDLIDGRQPPGILA LLDEQSVFPNATDNTLITKLHSHFSKKNAKYEEPRFSKTEFGVTHYAGQVMYEIQDWLE KNKDPLQQDLELCFKDSSDNVVTKLFNDPNIASRAKKGANFITVAAQYKEQLASLMATL ETTNPHFVRCIIPNNKQLPAKLEDKVVLDQLRCNGVLEGIRITRKGFPNRIIYADFVKR YYLLAPNVPRDAEDSQKATDAVLKHLNIDPEQYRFGITKIFFRAGQLARIEEAREQRLG SEQTKSDYLKRANELVQWINDKQASLESRDFGDSIESVQSFMNAHKEYKKTEKPPKGQE VSELEAIYNSLQTKLRLIKREPFVAPAGLTPNEIDSTWSALEKAEQEHAEALRIELKRQ KKIAVLLQKYNRILKKLENWATTKSVYLGSNETGDSITAVQAKLKNLEAFDGECQSLEG QSNSDLLSILAQLTELNYNGVPELTERKDTFFAQQWTGVKSSAETYKNTLLAELERLQK IEDALHHHHHHHH

Figure 7

Figure 8

ATGGATGGTACCGAGGATCCAATTCATGATAGAACTTCAGATTATCACAAATACTTAAA AGTTAAACAAGGTGATTCTGATTTATTTAAACTTACTGTTTCAGATAAGAGATACATTT GGTATAATCCAGATCCAAAAGAAAGAGATTCATATGAATGTGGTGAAATTGTTTCAGAA TGATGCCAATCAACGTAATCCAATCAAATTCGATGGTGTCGAAGATATGTCTGAATTAT CATACCTCAATGAACCAGCAGTTTTCCACAATCTCCGTGTTCGTTACAATCAAGATTTA ATTTACACCTATTCAGGTCTCTTTTTGGTTGCCGTCAATCCATTCAAGAGAATTCCAAT CTACACTCAAGAGATGGTTGATATCTTCAAAGGTCGTAGAAGAAATGAAGTTGCCCCAC ATATTTTCGCCATTTCTGATGTTGCCTATCGTTCAATGTTAGATGATCGTCAAAATCAA TCACTCTTAATCACTGGTGAATCTGGTGCTGGTAAGACTGAAAACACCAAAAAGGTCAT TCAATATCTTGCATCTGTCGCTGGTCGTAATCAAGCCAATGGTAGTGGTATTGGAAC AACAAATTCTCCAAGCCAATCCAATCCTTGAAGCTTTTGGTAATGCCAAAACCACCCGT AACAACAATTCATCTCGTTTCGGTAAATTCATTGAAATTCAATTCAACAGTGCTGGTTT CATTAGTGGTGCTTCAATTCAATCCTACCTTTTAGAGAAATCACGTGTCGTTTTCCAAT CTGAAACCGAACGTAATTATCACATTTTCTATCAACTCTTAGCTGGTGCCACCGCCGAA GAAAAGAAAGCTCTTCACTTGGCTGGTCCAGAATCATTCAACTACTTAAATCAAAGTGG TTGTGTTGATATCAAAGGTGTCTCTGATAGTGAAGAATTCAAAATCACTCGTCAAGCTA TGGACATTGTTGGTTTCTCACAAGAAGAACAAATGTCAATCTTTAAGATCATTGCTGGT ATCTTACATTTAGGTAACATCAAATTCGAAAAAGGTGCTGGTGAAGGTGCTGTCCTCAA AGACAAAACCGCCCTCAACGCTGCTTCAACCGTCTTTGGTGTCAATCCATCAGTCCTTG AAAAGGCTCTCATGGAACCACGTATTTTAGCCGGTCGTGATTTAGTTGCTCAACATCTC AACGTTGAAAAATCCTCATCATCAAGAGACGCTCTTGTCAAAGCTCTCTATGGTCGTCT TTTCCTCTGGTTGGTCAAAAAGATCAACAATGTCCTCTGTCAAGAGAGAAAAGCTTACT TTATGTATCAATTATACCAATGAAAAACTCCAACAATTCTTCAATCACCATATGTTCAA ATTGGAACAAGAAGAATATCTTAAAGAGAAAATCAATTGGACTTTCATCGATTTTGGTC TTGATTCACAAGCCACTATCGATTTAATTGATGGTCGTCAACCACCAGGTATTTTAGCT CTTTTGGATGAACAATCTGTTTTCCCAAATGCCACCGATAATACTTTAATCACCAAACT CCACAGTCACTTTAGCAAGAAGAACGCCAAATACGAAGAACCACGTTTCTCCAAAACCG AATTTGGTGTTACCCATTATGCTGGTCAAGTCATGTATGAGATTCAAGATTGGTTAGAA AAGAACAAAGATCCATTACAACAAGATCTCGAACTTTGCTTCAAAGATTCATCAGACAA GAAACCACCAACCCACATTTCGTTCGTTGTATCATTCCAAACAACAACAATTACCAGC CAAACTCGAAGATAAAGTTGTCCTCGACCAATTACGTTGCAATGGTGTCCTCGAAGGTA ${ t TTCGTATTACTCGTAAAGGTTTCCCAAATCGTATTATCTATGCCGATTTCGTCAAACGT$

TACTATTATTAGCTCCAAACGTTCCAAGAGACGCTGAAGACTCACAAAAAGCCACCGA TGCTGTTCTCAAACATCTTAACATTGATCCAGAACAATATCGTTTCGGTATCACCAAGA TTTTCTTCCGTGCCGGTCAATTAGCTCGTATTGAAGAAGCTCGTGAACAACGTCTAGGA TCCGAACAACCAAATCTGATTATCTTAAAAGAGCCAATGAACTCGTTCAATGGATTAA CGATAAACAAGCATCACTTGAATCACGTGATTTTGGTGATTCCATCGAATCTGTTCAAA GTTTCATGAACGCTCATAAAGAATATAAAAAAACCGAAAAACCACCAAAGGGTCAAGAA TGAACCATTTGTTGCACCAGCTGGTCTCACTCCAAATGAAATCGATTCCACTTGGTCCG CTTTAGAGAAAGCTGAACAAGAACATGCTGAAGCCCTCCGTATTGAACTCAAACGTCAA AAGAAAATTGCAGTTCTCTTACAAAAATACAATCGTATTCTCAAGAAACTCGAAAAACTG GGCCACCAAATCTGTCTACCTCGGTTCCAATGAAACCGGTGACAGTATCACTGCTG TTCAAGCTAAATTAAAGAATTTAGAAGCTTTTGATGGTGAATGTCAATCATTGGAAGGT CAATCAAACTCTGATCTCCTCAGCATTCTTGCTCAATTAACTGAACTCAACTACAATGG TGTACCAGAACTCACTGAACGTAAAGATACATTCTTTGCTCAACAATGGACTGGTGTTA AATCATCTGCTGAAACCTACAAAAACACTCTTTTAGCTGAACTTGAAAGACTCCAAAAG ATTGAAGATGCATTACATCATCATCATCATCACCAC

Figure 8 Con't